


# A\*STAR TALENT DEVELOPMENT STRATEGY



# A\*STAR Talent Development Strategy – 3 Strategic Thrusts

**Strong core** of **Singaporean** research talent,  
complemented by **rich diversity** of **International** researchers

 **CREATE**

 STEM outreach to enthuse young to take up science and research as a career



 **INVEST**

 Scholarship strategy to meet scientific talent needs



 **DEVELOP**

 Post-PhD development of early career researchers and development of leaders



# A\*STAR Scholarships

**Youth STEM Outreach**  
e.g. REP

**Science Awards** (Upper Sec, JC, Poly)

**A\*STAR Research Internship Award (ARIA)**



**Undergraduate**

**Graduate**

**Post-Doctoral**

**>1,700 scholars**

OVERSEAS

**National Science Scholarship NSS (BS-PhD)**

**National Science Scholarship NSS (Masters)**  
**National Science Scholarship NSS (PhD)**

**A\*STAR International Fellowship (AIF)**

LOCAL

**PhD**  
**A\*STAR Graduate Scholarship (AGS)**  
**A\*STAR Computing & Information Scholarship (ACIS)**



# A\*STAR Research Internship Award (ARIA)

## Eligibility



**Singapore Citizenship**



**STEM undergraduates**  
in Local Universities (2<sup>nd</sup> year and above)



**Excellent academic standing**  
(2<sup>nd</sup> Upper Honours & above)



**Strong passion**  
for a research career and/or PhD studies



**Commit to an internship duration** of at least <sup>^</sup>16 – 24/26 weeks during semester, and/or 12 weeks during vacation.  
(<sup>^</sup>Must meet minimum internship duration required by respective AUs' department/faculties)

## Terms of Award



**Tenable at local AUs**  
NTU, NUS, SMU, SIT and SUTD and/or overseas universities



**Attractive allowance**  
Monthly award allowance ranging from S\$1600 to S\$2000



**Provision of career mentor**  
in addition to research supervisor



**Invitations** to A\*STAR-organised engagement activities and talks/seminars by A\*STAR scientists



# A\*STAR Graduate Scholarship (AGS)

Builds a critical mass of PhD talent to anchor R&D capabilities. Four years of training in a Singapore autonomous university.

## Eligibility



### Open to all

Non-Singaporeans must have completed a degree in a Singapore autonomous university



### Obtained/on track

to 2nd Upper Class Honours Degree or equivalent in relevant disciplines



### Strong interest

in a research career



### Satisfy criteria

for and seek admission to PhD or EngD programme in a Singapore autonomous university

## Coverage

**3-year bond** for non-SC/non-SPR in a Singapore based company, which will be waived once obtains SC/SPR

**Up to 4 years of funding support** including:



Sustenance Allowance and CPF Contribution



Full Tuition and University Fees



Conference, Computer and Misc. Allowances



Support for up to 12 months of overseas attachment

## Note

Applicants are required to engage their proposed A\*STAR supervisor prior to the application. A\*GA will be able to provide guidance and advice to applicants where needed.



# A\*STAR Computing and Information Science Scholarship (ACIS)

Pursue a PhD in computing and information science disciplines. Opportunities to research real-world issues across the whole spectrum of computing science. Up to four years of PhD studies at a Singapore autonomous university.

## Eligibility



### Open to all

Non-Singaporeans must have completed a degree in a Singapore autonomous university



### Obtained/on track

to 2nd Upper Class Honours Degree or equivalent in relevant disciplines



**Strong interest** in a CIS research career in industry R&D labs, technology enterprises, spin-off companies and/or academia



**Satisfy criteria** for and seek admission to a specific PhD programme in a Singapore autonomous university

## Coverage

**3-year bond** for non-SC/non-SPR in a Singapore based company, which will be waived once obtains SC/SPR

**Up to 4 years of funding support** including:



Sustenance Allowance and CPF Contribution



Full Tuition and University Fees



Conference, Computer and Misc. Allowances



Support for up to 12 months of overseas attachment

## Note

Applicants are required to engage their proposed A\*STAR supervisor prior to the application. A\*GA will be able provide guidance and advice to applicants where needed.

# A\*STAR: Strengthening International Linkages

## SIPGA

Singapore International  
Pre-Graduate Award

### 2 to 6-month research attachments

at A\*STAR Research  
Institutes for students in the  
later years of their  
**Bachelors' or Master's**  
programmes

## ARAP

A\*STAR Research  
Attachment Programme

### 1 to 2-year PhD research opportunities

at A\*STAR Research  
Institutes under joint  
supervision of A\*STAR  
scientists and faculty from  
overseas universities

## SINGA

Singapore International  
Graduate Award

### 4-year PhD programme

at A\*STAR Research  
Institutes, in partnership  
with Singapore universities:  
**NTU:** Nanyang Technological University  
**NUS:** National University of Singapore  
**SMU:** Singapore Management University  
**SUTD:** Singapore University of  
Technology & Design

**ROBUST AND DIVERSE TALENT POOL**

Since 2007, we have **>2,100** international students attached to A\*STAR

# Singapore International Pre-Graduate Award (SIPGA)

## Eligibility



Open to 3<sup>rd</sup> & 4<sup>th</sup> Year undergraduate and Master's students from overseas universities



Attachment duration of 2 - 6 months at A\*STAR Research Institutes



Obtained/ on track to a Second-Class Upper Honours (or equivalent) for bachelor's studies

## Terms of Award



Monthly stipend of S\$2,000

## Annual Application Cycles

15 February | 15 June | 15 October



[www.a-star.edu.sg/SIPGA](http://www.a-star.edu.sg/SIPGA)

More than 850 SIPGA graduates from over 40 countries since 2008





# A\*STAR Research Attachment Programme (ARAP)

- **Facilitates collaboration** between A\*STAR and overseas universities
- Supports **international PhD students** in overseas universities to undertake **1 - 2 years** of research at an A\*STAR research institute under the **joint supervision** of an A\*STAR researcher and faculty member of home university
- PhD student remains matriculated at home university while physically based in an A\*STAR Research Institute (RI) throughout their attachment
- PhD degree will be conferred by the home university



[www.a-star.edu.sg/ARAP](http://www.a-star.edu.sg/ARAP)

More than 300 ARAP awardees from over 40 countries since 2008



# A\*STAR Research Attachment Programme (ARAP)

## Eligibility



Open to all international students



Bachelor's degree with at least a **Second-Class (Upper) Honours**



Preferably prior research experience



Strong academic recommendations

## Terms of Award



Monthly stipend of **S\$2,700**



Monthly housing subsidy of **S\$600**



One-time airfare grant of **S\$1,500**



One-time settling-in allowance of **S\$1,000**



One-time IT allowance of **S\$800**



Medical insurance



Conference allowance

**Annual Nomination Cycles**

**15 May**

**30 November**

# Singapore International Graduate Award (SINGA)



- **4-year PhD scholarship** for international BSc and MSc students in Singapore
- Pursue PhD in **science, engineering, biomedicine and social sciences related to machine learning and artificial intelligence**
- Perform cutting-edge research under distinguished researchers in **A\*STAR, NTU, NUS, SUTD** or **SMU** with degree being conferred by the university



[www.a-star.edu.sg/SINGA](http://www.a-star.edu.sg/SINGA)



More than 900 SINGA graduates from over 40 countries since 2008



# Singapore International Graduate Award (SINGA)

## Eligibility



Open to all international students



Excellent academic performance



Strong passion for research



Proficient in written and spoken English



Strong academic recommendations

## Terms of Award



Monthly stipend of S\$2,200  
S\$2,700 after passing the Qualifying Examination



Full tuition fees coverage



One-time airfare grant of S\$1,500



One-time settling-in allowance of S\$1,000  
and one-time IT allowance of S\$1,500



Monthly housing subsidy of S\$600



Medical insurance



Conference allowances

## Application Deadlines

August intake : **1 December of preceding year**

January intake : **1 June of preceding year**



CREATING GROWTH, ENHANCING LIVES



# THANK YOU

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[www.a-star.edu.sg](http://www.a-star.edu.sg)